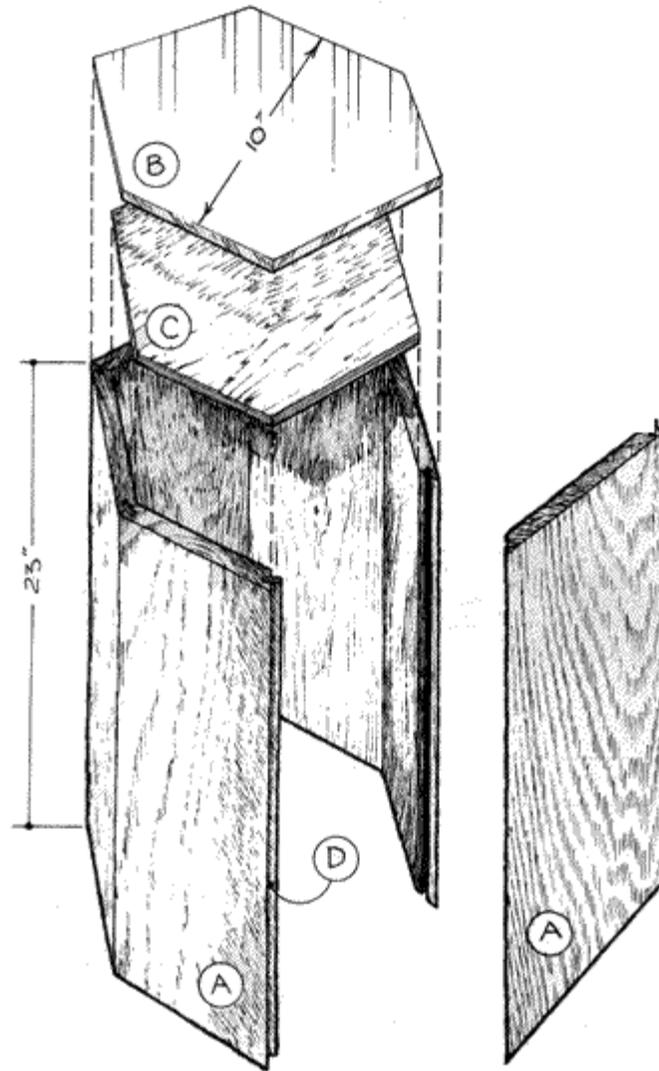


Project #17204EZ: Display Pedestal

This elegant looking hexagonal stand will highlight a favorite houseplant, curio, or even a piece of fine sculpture. It's easy to build and will require only a few hours in the workshop. For a piece like this, there's no hard and fast rule that dictates the size, so feel free to alter dimensions to suit the piece you plan to display. We used red oak for ours, but just about any wood can be used, even pine. Our stand measures 10" across the flats which results in a board width of 5-3/4" and a length of 23".

Display Pedestal Complete Schematic



Display Pedestal Instructions

1. Set the sawblade at a 30-degree angle and locate the rip fence as shown in **Figure 1**.
2. Bevel one edge (step A), then turn the stock and bevel the other edge (step B). **NOTE: The saw blade must be set at exactly 30 degrees because even a small error will add up to a large gap when you have six joints.**
3. Equip the table saw with an adjustable dado head cutter set to make a 1/4" wide cut.
4. Set the dado head at a 30-degree angle.
5. Set the table saw depth so the groove will be 3/8" deep.
6. Adjust the table saw rip fence to properly locate the spline groove (see **Figure 2**).
7. Make the spline cut (see **Figure 3**).
8. Cut the 3/4" wide splines are from 1/4" plywood.
9. Add glue to all mating surfaces, assemble, and clamp with a pair of web clamps.
10. Allow the glue to dry overnight.

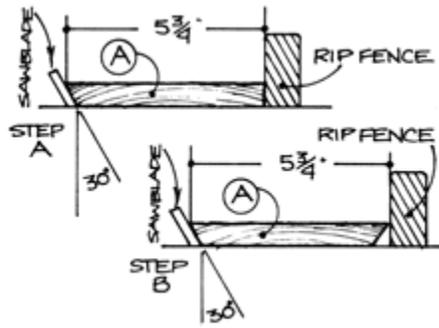


Figure 1. Saw Blade and Rip Fence Settings

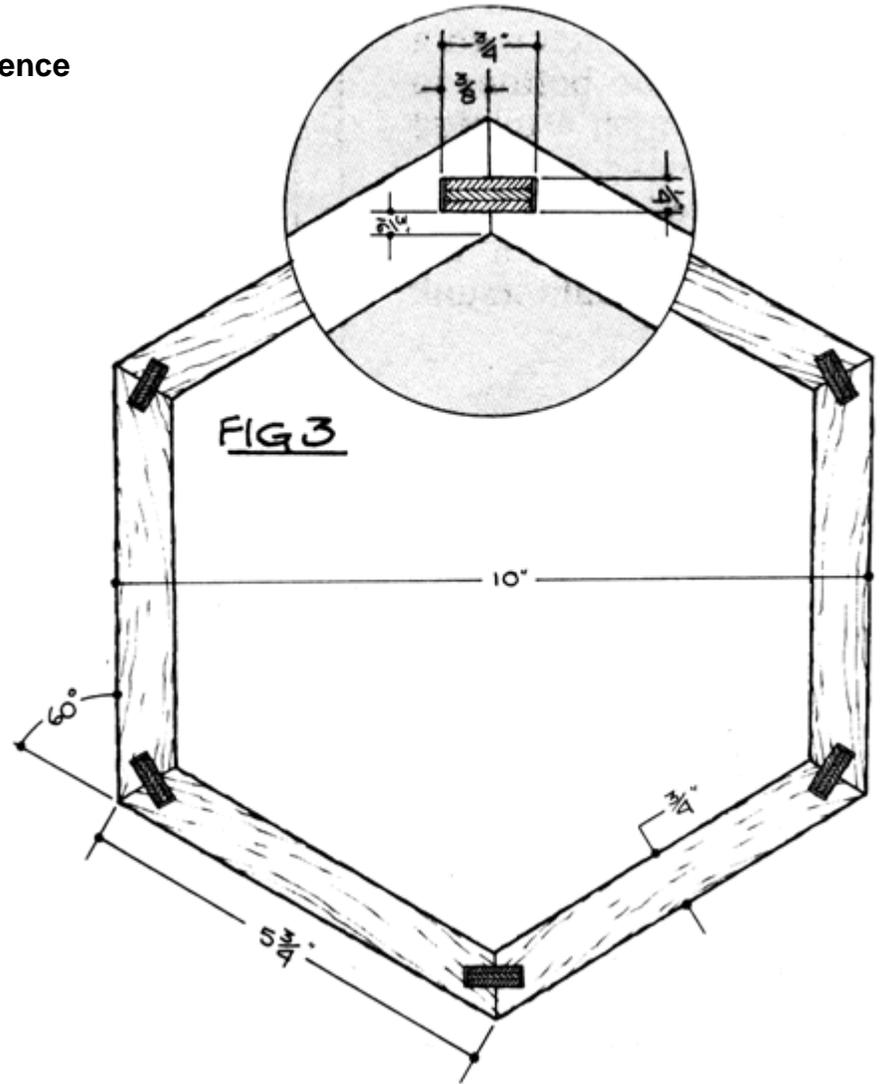


Figure 2. Spine Groove Detail

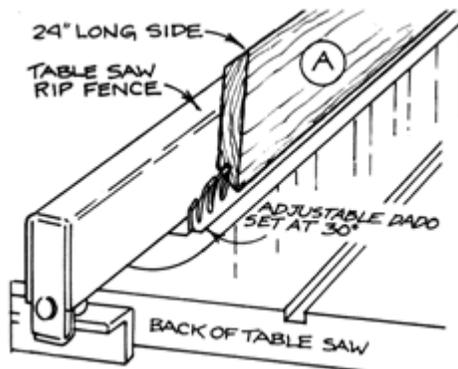


Figure 3. Making the Spine Cut

11. Obtain the hexagonal glass mirror, cut to fit the outside of the hexagon box, to make the top (B) (see the schematic for the correct dimensions). **NOTE: Most glass shops will cut mirror stock to any size and shape. For appearance and safety be sure to have the edges ground. Also, keep in mind that many adhesives will remove the mirror's silver, so use one that's formulated to use with a mirror. Your glass shop will probably carry one.**
12. Cut a 1/4" plywood inset (C) to fit just inside the box.
13. Glue the mirror and plywood inset together to form a lip that will permit the mirror to simply sit on the pedestal. The plywood inset makes the mirror easy to replace should it get scratched or broken.
14. Finish all wood parts as desired.
15. Set the mirror/plywood top in the box to complete the project.

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